

Converting Colors

XYZ(79.6358, 84.4695,
107.7575)

Have a look what the booklet for
XYZ(79.6358, 84.4695, 107.7575)
contains.

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Color

**XYZ(79.3650, 84.2164,
106.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EEFF
RGB	224, 238, 255
RGB Percent	88%, 93%, 100%
CMY	0.1216, 0.0666, 0.0000
CMYK	0.12, 0.07, 0.00, 0.00
HSL	213°, 100%, 94%
HSV	213°, 12%, 100%
XYZ	79.3650, 84.2164, 106.6801
YIQ	235.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

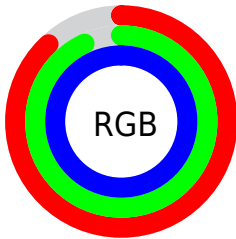
Format	Color
R_{YB}	224, 234, 255
Decimal	14741247
CIE _{Lab}	93.54, -1.34, -9.77
CIE _{LCh}	94, 9.864, 262.185
Yxy	84.2164, 0.2937, 0.3116
Android (android.graphics.Color)	4292931327 (0xFFE0EEFF)
YUV	235.7520, 9.4893, -10.3065
Hunter-Lab	91.7695, -6.2245, -4.6847

Details

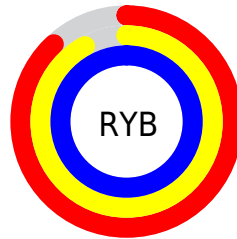
The XYZ color **79.3650, 84.2164, 106.6801** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1492, 89.5507, 83.2670**, and the grayscale version is **79.4784, 83.6175, 91.0595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2832, 45.9681, 60.0175** is the 20% darker color. If you saturate the color by 10%, you get **68.1336, 72.6188, 105.0335**, and if you desaturate by 10%, it is **92.1021, 97.0640, 108.4887**.

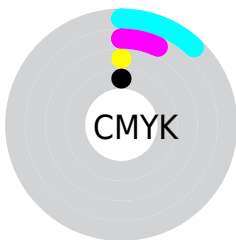
Distribution



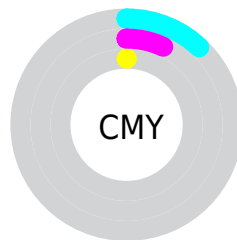
- Red (88%)
- Green (93%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- Blue (100%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3650, 84.2164, 106.6801 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.3650, 84.2164, 106.6801 by changing the saturation by 10% instead.

■ 79.3650, 84.2164,
106.6801

■ 79.3650, 84.2164,
106.6801

481.5594,
509.0316, 602.8326

■ 59.5026, 63.1941,
81.2431

131.4278,
139.2778, 172.4389

■ 43.2658, 45.9983,
60.2097

164.3589,
174.0858, 213.5979

■ 30.2891, 32.2445,
43.1612

202.3770,
214.2578, 260.8345

■ 20.2073, 21.5483,
29.6793

245.8475,
260.1781, 314.5674

■ 12.6550, 13.5254,
19.3453

295.1356,
312.2313, 375.2152

■ 7.2667, 7.7913,
11.7407

350.6067,

■ 3.6773, 3.9617,

370.8017, 443.1962

6.4470

412.6262,
436.2736, 518.9292

■ 1.5212, 1.6522,
3.0456

■ 0.3402, 0.3924,
1.1180

■ 79.3650, 84.2164,
106.6801

■ 79.3650, 84.2164,
106.6801

■ 68.1336, 72.6188,
105.0335

■ 92.1021, 97.0640,
108.4887

■ 58.3416, 62.2196,
103.5424

95.0500, 100.0000,
108.9000

■ 49.9272, 52.9783,
102.2021

■ 42.8214, 44.8478,
101.0073

■ 36.9485, 37.7774,
99.9521

■ 32.2245, 31.7113,
99.0302

■ 28.5533, 26.5870,
98.2346

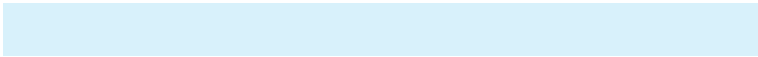
■ 25.8201, 22.3318,
97.5573

■ 24.2030, 19.5260,
97.1010

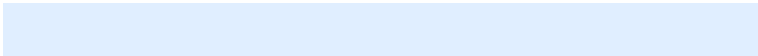
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0087, 84.2164, 103.5220



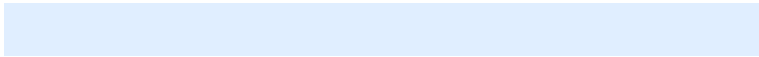
79.3650, 84.2164, 106.6801



81.9544, 84.2164, 105.6545

Triad

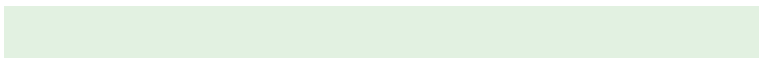
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3650, 84.2164, 106.6801



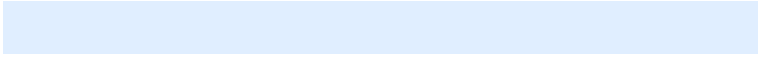
84.7808, 84.2164, 86.3786



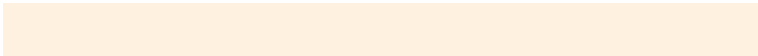
76.1471, 84.2164, 83.1678

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.3650, 84.2164, 106.6801



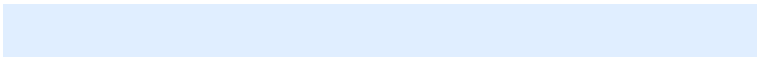
86.1492, 89.5507, 83.2670

Split Complementary

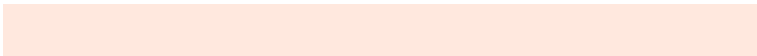
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1658, 84.2164, 79.0269



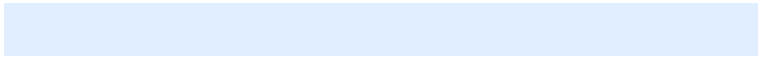
79.3650, 84.2164, 106.6801



83.1604, 84.2164, 80.8093

Square

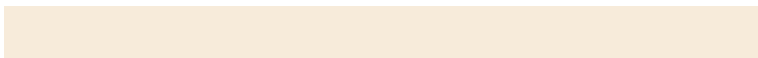
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3650, 84.2164, 106.6801



85.1187, 84.2164, 93.6647



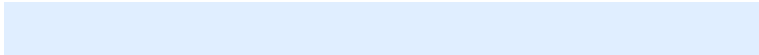
80.7292, 84.2164, 78.1875



75.1774, 84.2164, 89.7577

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3650, 84.2164, 106.6801



83.4614, 84.2164, 102.7603



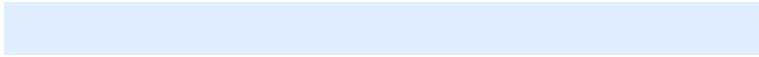
80.7292, 84.2164, 78.1875



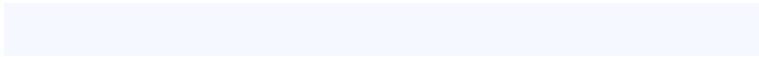
76.7234, 84.2164, 81.4584

Sweetspot

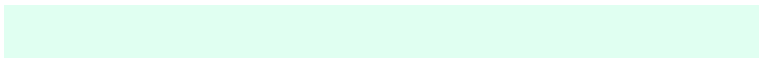
The Sweet Spot groups the original color and five complimentary colors.



79.3672, 84.2198, 106.6807



89.6383, 94.6003, 108.1430



82.3088, 93.6907, 96.6009



18.9744, 20.0359, 23.1172



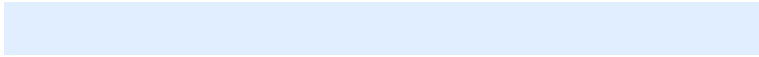
0.0000, 0.0000, 0.0000



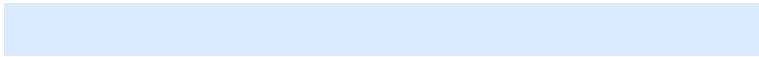
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3672, 84.2198, 106.6807



76.0222, 80.7957, 106.1961



75.7686, 76.5457, 105.3891



17.6788, 18.7292, 22.9333



12.7910, 10.4917, 50.7855



1.3528, 1.2362, 4.9806

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.3296, 80.7458, 92.0866



80.8440, 76.6991, 88.4074



90.0757, 97.9665, 84.6845



18.3505, 18.1235, 20.4629



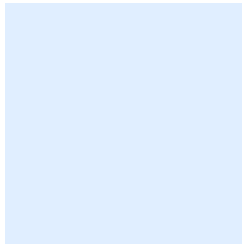
23.2445, 11.7871, 9.9381



2.3174, 1.1693, 1.2530

Previews

White Background



This preview shows how the XYZ color 79.3650, 84.2164, 106.6801 looks on a white background.

Color Contrast Check

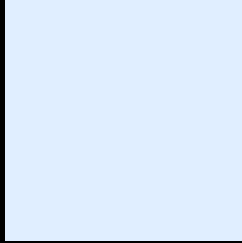
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.3650, 84.2164, 106.6801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

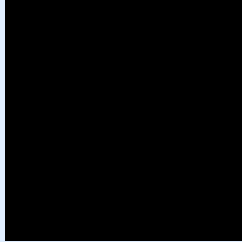
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

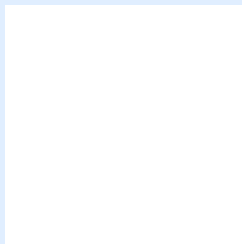
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3650, 84.2164, 106.6801

Background



This preview shows how black text looks on a background with the XYZ color 79.3650, 84.2164, 106.6801.



This preview shows how white text looks on a background with the XYZ color 79.3650, 84.2164,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.3650, 84.2164, 106.6801

Protanopia

82.0300, 84.3414, 104.8846

Deuteranopia

85.4137, 83.9534, 106.3106



Tritanopia

79.6759, 84.3766, 106.6947

Trichromacy



Original Color

79.3650, 84.2164, 106.6801

Protanomaly

81.1636, 84.3025, 105.7602

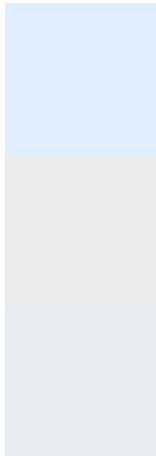
Deuteranomaly

83.1241, 84.0231, 106.4447

Tritanomaly

79.6759, 84.3766, 106.6947

Monochromacy



Original Color

79.3650, 84.2164, 106.6801

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7406, 84.1952, 96.8425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3650, 84.2164, 106.6801 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3650, 84.2164, 106.6801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 238, 255) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 238, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3650, 84.2164, 106.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 238, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
238, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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